

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052127

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04B10/17 H04B10/213

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04B H01S H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SALEHEEN H I: "Closed cycle lasing of ASE noise in a WDM ring network" TECHNICAL DIGEST. CLEO/PACIFIC RIM 2001. 4TH PACIFIC RIM CONFERENCE ON LASERS AND ELECTRO-OPTICS, vol. 2, no. II, 15 July 2001 (2001-07-15), - 19 July 2001 (2001-07-19) pages 558-559, XP002279117 Chiba, Japan	1-7, 18
Y	the whole document ----- -/-	8-17, 19, 20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the International search

18 November 2004

Date of mailing of the International search report

25/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 421 168 B1 (DUERKSEN GARY ET AL) 16 July 2002 (2002-07-16)	8-11,19
A	column 4, line 4 - line 10 column 4, line 29 - column 6, line 32 column 7, line 8 - line 11 column 7, line 42 - line 63 column 9, line 1 - line 13 column 10, line 1 - line 19 figures 3A-7 -----	1-7,18
Y	EP 1 030 415 A (NIPPON ELECTRIC CO) 23 August 2000 (2000-08-23) paragraph '0017! - paragraph '0019! paragraph '0031! - paragraph '0032! paragraph '0036! figures 3,6 -----	12-17,20
A	XU L ET AL: "SUPPRESSION OF BEATING NOISE OF NARROW-LINewidth ERBIUM-DOPED FIBER RING LASERS BY USE OF A SEMICONDUCTOR OPTICAL AMPLIFIER" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 28, no. 10, 15 May 2003 (2003-05-15), pages 780-782, XP001166553 ISSN: 0146-9592 -----	8-11
A	the whole document -----	11

INTERNATIONAL SEARCH REPORT**Information on patent family members**

International Application No

PCT/EP2004/052127

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6421168	B1	16-07-2002	US 6388802 B1	14-05-2002
EP 1030415	A	23-08-2000	JP 2000236127 A EP 1030415 A2	29-08-2000 23-08-2000